

AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)
2. (Previously Presented) The adhesive material according to claim 4, wherein the urethane prepolymer is characterized that a number average molecular weight thereof is 3000-100000.
3. (Canceled)
4. (Currently Amended) An adhesive material comprising a supporting layer and an adhesive polymer formed from a polymerized and cured mixture of urethane prepolymer and a dilution monomer, said adhesive polymer is impregnated into or coated onto the supporting layer, wherein the urethane prepolymer comprising a prepolymer having the following chemical formula [I]:

A-O-CONH-B-NHCO-

$-\{O-C_pH_q(O-CO-C_rH_s-CO-O-C_pH_q)O-CONHB-NHCO\}_u(O-D-O-CONHB-NHCO)_v-$

$-\{O-C_pH_q(O-CO-C_rH_s-CO-O-C_pH_q)O-CONHB-NHCO\}_w-O-E \quad \dots\dots[I]$

wherein A-O- is either one of a dehydrogenated remaining group selected from the group consisting of hydroxyalkyl(meth)acrylate, hydroxyalkyl vinyl ether and epoxide including hydroxy group;

-B- is a depolyisocyanated remaining group of organic polyisocyanate;

$-O-C_pH_q(O-CO-C_rH_s-CO-O-C_pH_q)_t-O-$ is a dehydrogenated remaining group of a polyester polyol having a number average molecular weight of 500-5000, of which p is a number of 1-36, q is a number of 2-72, r is a number of 10-34, and s is a number of 20-68;

-O-D-O- is either one of a dehydrogenated remaining group selected from the group consisting of alkylene glycol, dimer diol, diol including ester group, diol including carboxy group or the foregoing $-O-C_pH_q-(O-CO-C_rH_s-CO-O-C_pH_q)_t-O-$;

-O-E is either one of a dehydrogenated remaining group selected from the group consisting of alkyl alcohol, hydroxy carboxylic acid or hydroxy carboxylic acid ester, or is identical to the foregoing A-O-; and u is a number of 1-50, v is a number of 0-50, and w is a number of 1-10; and

wherein the dilution monomer is selected from the group consisting of decyl (meth)acrylate, dodecyl (meth)acrylate, tridecyl (meth)acrylate, ~~octadecyl (meth)acrylate~~ and isomers of these (meth)acrylates, and an isomer of octadecyl (meth)acrylate.

5. (Previously Presented) The adhesive material according to claim 4, wherein said impregnated or coated urethane prepolymer is performed with a spray or a hot-melt coat.

6. (Previously Presented) The adhesive material according to claim 4, wherein said adhesive polymer is applied onto one side or both sides of said supporting layer through said impregnated or coated urethane prepolymer.

7. (Previously Presented) The adhesive material according to claim 4, wherein said adhesive polymer is applied onto both sides of said supporting layer and cured to form adhesive polymer layers, and a shore A hardness of each adhesive polymer layer is a degree of 20 to 80 and a thickness thereof is 0.005 to 15mm.

8. (Previously Presented) The adhesive material according to claim 4, wherein said supporting layer is selected from the group consisting of a paper, a woven fabric, a non-woven fabric, a polyolefin resin film, a polyester film, a porous resin film and a cellulose base film strengthened with a resin.

9. (Previously Presented) The adhesive material according to claim 4, wherein said supporting layer is elastic.

10. (Previously Presented) The adhesive material according to claim 4, wherein said supporting layer is a foam film having a compressible elasticity.

11. (Previously Presented) The adhesive material according to claim 4, wherein said supporting layer is sheet-like and has a tensile strength of at least 1000 N/cm^2 and a thickness of 0.03 to 25 mm.

12-14. (Canceled)